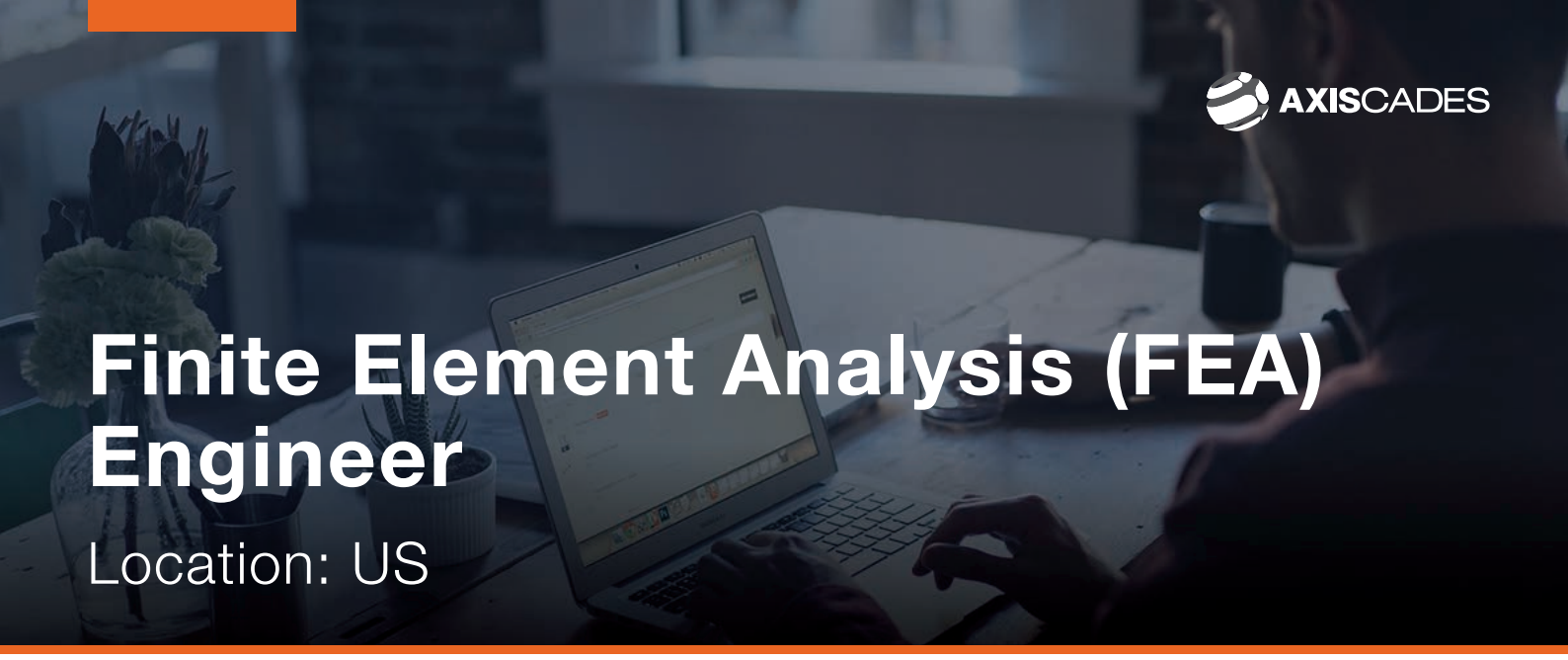

Finite Element Analysis (FEA) Engineer

Location: US

About Company:

AXISCADES is a leading, end to end engineering solutions and Product Company. We bring expertise that caters to the digital, engineering and smart manufacturing needs of large enterprises. With decades of experience in creating innovative, sustainable and safer products worldwide, AXISCADES delivers business value across the entire engineering lifecycle.

Job Description / Responsibilities:

Design concepts and perform structures finite element analysis, and provide virtual product support on design validation and push test correlation on motor grade, wheel tractor scrapers, track type tractors and articulated trucks. Identify problems with existing designs and devise methods and approaches to solve problems by applying knowledge of light and heavy structures. Perform analysis based on bolted joint and welded joint analysis methodology. Perform nonlinear bolted joint analysis on light and heavy structures. Change existing models and reanalyze to meet design goals per client requirements. Prepare gauge map for OMSA. Create detailed analysis reports. Use Hypermesh, Nastran, ABAQUS and Fe-Safe software to conduct analysis. Coordinate with design teams for project execution. Support design group on New Product Introduction and Current Product Improvement projects.

Requirements: Bachelor's or equivalent in Engineering (any) or related and 24 months of experience in the job offered or as a/an Design Engineer, Manufacturing Engineer, Production Engineer, Industrial Engineer, or in a related occupation. Employer will accept any suitable combination of education, training, or experience not less than the primary requirements. Position is based out of 3008 W. Willow Knolls Drive, Peoria, IL 61614 and may require relocation to various unanticipated locations throughout the United States. Min. Rate of Pay: $86,798.00/year. Qualified applicants please mail resume to: Axiscades, Inc. Attn: Senior Executive-HR, 3008 W. Willow Knolls Drive, Peoria, IL 61614.